(19) World Intellectual Property Organization

International Bureau



I IDDIA DINIATRIA DEGINO DIDIN DOGNI DELLA DENI I DI ANKERDIK BURDA BAKAD DINI DEDDE DIN DUDINDA DEND DUDI DUDI

(43) International Publication Date 26 May 2005 (26.05.2005)

PCT

(10) International Publication Number WO 2005/046305 A2

(51) International Patent Classification: No

Not classified

(21) International Application Number:

PCT/US2004/036854

(22) International Filing Date:

5 November 2004 (05.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/518,384

6 November 2003 (06.11.2003) US

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:

US

60/518,384 (CON)

Filed on

6 November 2003 (06.11.2003)

- (71) Applicant and
- (72) Inventor: RUBY, Brian [US/US]; 17 Five Ponds Drive, P.O. Box 28, Waccabuc, NY 10597 (US).
- (74) Agent: BELLERMAN, Mark, R., W.; Fish & Richardson P.C., 1425 K Street, N.W., 11th Floor, Washington, DC 20005-3500 (US).

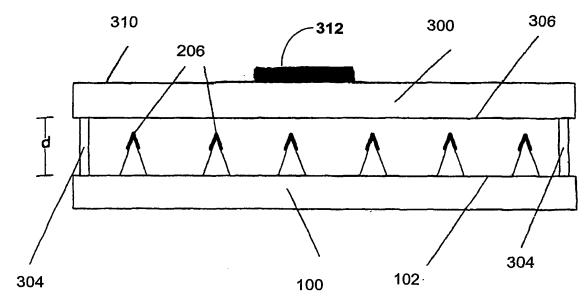
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US (patent), UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD OF PRODUCING NANOSTRUCTURE TIPS



(57) Abstract: A method of producing a plurality of apparatuses having carbon nanotube tips includes providing a first substrate (100) having a first surface (102) with a plurality of precursor tips (202), providing a second substrate (300) having a second surface (302) facing the first surface (102), growing a carbon nanotube tip on substantially all of the precursor tips (202), and applying an electrical potential between the second surface (302) and ends of the carbon nanotubes that are distal to the precursor tips.